

## **SAMS Measurements in JEM Do Not Readily Show SCan Testbed AutoTrack Activity**

Page 1 - Calls out the harmonic components from SCan Testbed's AutoTrack, notably spectral peaks at 0.125 Hz, 0.25 Hz, and 0.375 Hz.

Page 2 - Shows acceleration spectrum calculated from 8 minutes of SAMS measurements DURING SCan Testbed's AutoTrack. While there is a spectral peak at 0.26 Hz (near the 0.25 Hz signature peak), the other 2 components are more-or-less indiscernible. This suggests that these vibrations do not transmit well to the SAMS sensor location.

Page 3 - Shows acceleration spectrum calculated from 8 minutes of SAMS measurements BEFORE SCan Testbed's AutoTrack. This page reinforces the assertions above. The SAMS sensor does not readily detect this type of SCan Testbed AutoTrack activity.

